

Document Log Item

Addressing	
From	To
<Damonica.Pierson@Shell.com>	Adam Freedman/R9/USEPA/US@EPA
CC	BCC
Description Form Used: Memo	
Subject	Date/Time
FW: C6 CCS Monitoring Program	#E# Lv%
# of Attachments	Total Bytes
0	11,797
NPM	Contributor
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Body

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-----Original Message-----

From: Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

Sent: Wednesday, February 03, 2010 6:28 PM

To: Pierson, Damonica M SWEINC-SWE

Subject: RE: C6 CCS Monitoring Program

Damonica--

1:00 (PST) sounds good. George Robin of the UIC team will also be joining in the call. Do you have a call-in number that we can use? Thank you very much.

Adam Freedman
Environmental Scientist, Underground Injection Control
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street (WTR-9)
San Francisco, CA 94105-3901
415.972.3845
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From: <Damonica.Pierson@Shell.com>
To: Adam Freedman/R9/USEPA/US@EPA
Date: 02/03/2010 01:36 PM
Subject: RE: C6 CCS Monitoring Program

Adam, Rich Moen (Shell seismic specialist) and I would like to give you a call tomorrow at 1:00 (PST) to discuss the seismic monitoring alternatives proposed in the UIC permit app. Are you available to talk for about 30 minutes?

-----Original Message-----

From: Freedman.Adam@epamail.epa.gov [<mailto:Freedman.Adam@epamail.epa.gov>]
Sent: Tuesday, February 02, 2010 6:54 PM
To: Pierson, Damonica M SWEINC-SWE
Subject: C6 CCS Monitoring Program

Damonica--

I had a question about some of the monitoring equipment proposed in C6's CCS project application. The continuous active-source seismic monitoring (CASSM) survey is described as being able to monitor the growth of the plume between the injection and monitoring wells. My question about the CASSM survey is whether it will be able to track CO2 only within the injection zone, or whether it would be able to detect CO2 outside the injection zone as well (in

the unlikely event that there is leakage through the confining zone). Thank you very much for looking into this for me.

Adam Freedman
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